Claims

- [c1] 1.A method for calibration of an optoelectronic sensor that at least intermittently also receives UV light, comprising the following steps:
 - ascertaining a first response characteristic of the sensor by
 - --illuminating the sensor with the light of at least one light source,
 - --varying the light quantity of the light incident onto the sensor,
 - --determining the magnitude of an electrical output signal of the sensor as a function of the light quantity received by the sensor;
 - storing the first response characteristic; and
 - acquiring response characteristics at later points in time after inputs of UV light onto the sensor;
 - comparing the response characteristics to the first response characteristic in order to identify changes and to correct the response characteristics.
- [c2] 2.The method as defined in Claim 1, wherein the light quantity incident onto the sensor is varied by the introduction of filters into an illuminating beam path between

the light source and the sensor.

- [c3] 3.The method as defined in Claim 2, wherein absorption filters or scattering filters in varying numbers and/or having a varying absorption or scattering effect, or a gray wedge, are introduced into the illuminating beam path as filters.
- [c4] 4.The method as defined in Claim 1, wherein the light quantity incident onto the sensor is varied by modifying the aperture of an aperture stop introduced into the illuminating beam path between the light source and the sensor, or by way of aperture stops having different apertures.
- [c5] 5.The method as defined in Claim 1, wherein the light quantity incident onto the sensor is varied by way of an electronically controlled exposure time.
- [c6] 6.The method as defined in Claim 1, wherein the response characteristics are ascertained at those light wavelengths at which the sensor is used for measurement or observation tasks.
- [c7] 7. The method defined in Claim 1, wherein the sensor is used as a spatially resolving sensor, and UV images are acquired with the sensor.

- [08] 8.The method as defined in Claim 7, wherein features of imaged specimens are measured by image processing.
- [09] 9.The method as defined in Claim 1, wherein the method is used in a UV microscope.
- [c10] 10.The method as defined in Claim 9, wherein feature widths and/or spacings on substrates, in particular on masks or wafers in semiconductor fabrication, are measured.
- [c11] 11.A method for measuring features on a substrate using a UV microscope and a spatially resolving optoelectronic sensor, comprising the steps:
 - acquiring UV images of the features on the substrate;
 - calibrating the sensor from time to time, by
 - --ascertaining a present response characteristic of the sensor by way of the variation of a light quantity received by the sensor,
 - --comparing and correcting the present response characteristic using a first response characteristic; and
 - measuring the features by image processing using the corrected response characteristic of the sensor.
- [c12] 12.An apparatus for calibration of an optoelectronic sensor that at least intermittently also receives UV light, comprising:

- at least one light source for illuminating the sensor;

- calibration means for varying the light quantity inci-

dent onto the sensor, for ascertain a first and a present

response characteristic of the sensor;

- an evaluation unit for correcting the present response

characteristic of the sensor using the first one; and

historically Black and African American neighborhood.

11.

In the weeks following the police killing of George Floyd, Opbroek regularly attended and

supported the demonstrations in support of Black Lives Matter. Opbroek attended the

demonstrations in solidarity with demonstrators protesting against police violence and

demanding systemic change.

12.

On or around the evening of June 25, 2020, Opbroek attended a demonstration in downtown

Portland at the Multnomah County Justice Center. As she left the demonstration late that

evening, Opbroek heard of another demonstration occurring at PPB's North Precinct, which was

near her home. She decided to attend.

13.

Around approximately 1:10am in the early hours of June 26, 2020, Opbroek arrived at the area

around North Precinct on NE Martin Luther King, Jr. Boulevard and NE Emerson Street. There,

Opbroek encountered PPB officers in riot gear, lined up on NE Martin Luther King Jr. Boulevard.

14.

Within minutes of her arrival, PPB officers forcibly moved demonstrators north on NE Martin

Luther King Jr. Boulevard. Opbroek witnessed PPB officers firing flashbang grenades and other

impact munitions directly into the crowd of people. Opbroek witnessed PPB officers shoving

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demonstrators to the pavement and curbs and witnessed PPB officers firing impact munitions against people who were already on the ground or already moving north on the street. Prior to these uses of force, Opbroek had not witnessed any demonstrators engaging in any threatening behavior; rather, she had observed the demonstrators around her engaging in passive resistance, refusing to leave, chanting, and yelling at the police officers.

15.

During this time, at least two PPB officers forcefully and repeatedly shoved Opbroek as she was walking away from the police and in the direction the police told demonstrators to move.

16.

PPB officers then stopped forcefully moving members of the crowd and lined up across NE Martin Luther King Jr. Boulevard. Opbroek stood with a crowd of demonstrators toward the front of the crowd near NE Killingsworth Street, facing the police line, and filming with her cell phone. PPB announced an "unlawful assembly" and ordered demonstrators to disperse, but Opbroek and many people did not. Instead, Opbroek and demonstrators near her continued to stand there, chanting and yelling at the police. Phrases chanted and yelled at the police officers included: "Black Lives Matter," "ACAB, all cops are bastards," "who's streets, our streets," "quit your jobs," "fuck you," "murders," "who do you protect, who do you serve," "bitches," and "fascist pigs."

17.

Opbroek continued to chant and shout—including shouting that she lived here—while standing a distance from the police line toward the front of the crowd with a few demonstrators in front of her. PPB officers then launched at least one weapon at the demonstrators. The weapon landed at the feet of demonstrators in front of Opbroek, producing smoke at their feet and legs. Those demonstrators and Obproek started walking backwards away from the police and north on NE Martin Luther King Jr. Blvd.

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